

IN THE CLAIMS

Cancel Claims 1-9 and add new Claims 10-17:

--10. A pressure resistant process window for visual or spectroscopic examination of pressurized products in a pipe or a reactor comprising:

(A) at least one measurement-cell body that is connected to a pipe or a reactor, and a transparent window pane having (i) a central region, (ii) an outer region, and (iii) a wall thickness in the central region that is greater than a wall thickness in the outer region,

wherein the window pane is sealed against the measurement-cell body with a screw barrel having an external thread that can be screwed into a hollow barrel that (a) has an internal thread that is connected to the measurement-cell body, and (b) is connected to the measurement-cell body in a pressure-resistant or in a pressure-resistant and detachable manner; and

(B) a seal between the measurement-cell body and the window pane for sealing the reactor interior or pipe interior from surroundings of the reactor interior or pipe interior.

11. The process window according to Claim 10, wherein the hollow barrel has an annular sealing surface on which the window pane contacts in a pressure-resistant manner.

12. The process window according to Claim 10, wherein the hollow barrel is designed in one piece with the measurement-cell body or is welded thereto.

13. The process window according to Claim 10, wherein the hollow barrel is connected to the measurement-cell body in a pressure-resistant, detachable manner.

14. The process window according to Claim 10, wherein a ring with low friction against the barrel or the window pane is present between the screw barrel and the window pane.

15. The process window according to Claim 14, wherein the ring is graphite.

16. The process window according to Claim 14, wherein two rings which are in sliding contact with one another are present instead of a ring.